

EndoSURGERY system for ENT medicine

Specialized. Ergonomic. Effective.



See more than others.

XION endoscopy systems support all diagnostic and surgical applications in ENT medicine. The system components form a compact, functional unit and offer excellent convenience with optimum image quality.



XION trolley premium with intelligent control centre

The innovative trolley and the individual XION components incorporated within it form a coordinated system featuring highest functionality. Features such as an integrated uninterrupted power supply (UPS), the isolation transformer with earth-leakage monitor, the central on/off control system and the isolated network interface with 1Gbit/s provide for an optimum work flow and meet all requirements for safety and ergonomics in complex endoscopic systems. Interfaces directly accessible from the outside facilitate easy connection of external video sources (e.g. operating-room microscope) or temporary secondary monitors and direct integration into the hospital network.

XION DiVAS – digital video archiving and analysis with HIS/PACS connection

The modularly structured DiVAS software is scalable from a single-user solution for recording and editing patient, image and measurement data, to a complex network solution for recording all relevant examination data produced by an advanced ENT clinic. Integration into the hospital information system (HIS) and the picture archiving and communication system (PACS) is possible at any time.

XION endoSURGERY systems are designed for ENT medicine and range from compact units for the ENT practice to special solutions for ENT surgery.



MATRIX HD camera

The integrated zoom lens and the image sensor of the extremely compact camera head provide outstanding image quality in terms of accurate detail, colour rendition and image brightness. The full HD 1080p resolution is secured across the entire signal path from the image acquisition stage to the digital recording stage in DIVAS.

The buttons on the camera head are freely programmable and individual user settings on the camera can be saved.



MATRIX LED duo light source

Two separately controllable light outputs of the powerful LED light source MATRIX LED duo make it possible to keep two application parts connected so that the workflow of daily routine is improved. When used in conjunction with XION cameras the light intensity is automatically controlled.



MATRIX DS data station

The MATRIX DS data station, which is approved for use in the medical environment, forms the basis for digital recording, managing and evaluating patient, image, video, audio and measurement data in XION endoscopy systems.

Compression of HD video signals in H264/1080p, a picture-in-picture function and configurable playback on up to four monitors are additional features of the MATRIX DS.



